

ABSTRACT OF THE DISCLOSURE

5 **METHOD AND SYSTEM FOR DYNAMIC UPDATE OF AN APPLICATION
 MONITORING AGENT USING A NON-POLLING MECHANISM**

 A method, system, apparatus, or computer program
product for updating operational parameters of a monitoring
10 agent on a client in a distributed data processing system is
presented. The monitoring agent monitors characteristics of
at least one application executing on a server in the
distributed data processing system. The monitoring agent
filters the outgoing network data traffic from the client to
15 the server. The monitoring agent then determines whether an
outgoing transaction in the network data is addressed such
that an application on the server receives the outgoing
transaction as a request to change the operational
parameters of the monitoring agent. In order to determine
20 whether the outgoing transaction is a request to change the
operational parameters of the monitoring agent, the outgoing
transaction is parsed for a destination address and matched
with a destination address stored as an operational
parameter of the monitoring agent on the client. The
25 destination address may be a Uniform Resource Locator (URL)
embedded within a Hypertext Transport Protocol (HTTP)
request. In response to a positive determination, the
monitoring agent then sends a request to the server to send
to the monitoring agent an update of the operational
30 parameters of the monitoring agent.